

10/502140
DT1 Rec'd PCT/PTO 19 JUL 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Jung Joon Lee et al.
Serial No. :
Filed :
PCT NO. : PCT/KR03/00155
IFD : JANUARY 24, 2003
TC/A.U. :
Confirmation No:
Examiner :

Docket No. : 04-417
Customer No. : 34704

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with the requirements of 37 CFR 1.97 and 1.98,
Applicant hereby submits the documents listed hereinbelow, copies
enclosed.

- (1) U.S. Patent No. 5,900,434 entitled METHOD FOR INHIBITING THE PRODUCTION..., By Pyun et al., patented May 4, 1999. The abstract is attached hereto.
- (2) Korean Patent Abstracts No. 00241269, entitled MEDICINE FOR HEPATITIS C..., By Kim et al., published November 2, 1999. The abstract is attached hereto.
- (3) Choi, in Pyo et al., Studies on Development of novel functional biologicalmolecules: Investigation of Mechanism of actions and regulatory molecules of inflammatory cytokines" In; Final report to the Ministry of Science & Technology, July 1998. The

document is attached hereto.

- (4) Korean Patent Abstracts No. 1020030043191, entitled IMMUNOSTIMULATING COMPOSITION CONTAINING..., By Kim et al., published June 2, 2003. The abstract is attached hereto.
- (5) U.S. Patent No. 6,365,798 entitled METHOD FOR ENHANCEMENT OF NATURALLY OCCURRING..., By Brown, patented April 2, 2002. The abstract is attached hereto.
- (6) Tong L et al., "Effects of plant polysaccharides on cell proliferation and cell membrane contents of sialic acid, phospholipid and cholesterol in S 180 K 562 cells'. IN; Zhongguo Zhong Xi Yi Jie He Za Zhi 1994 Aug, 14(8): 482-4. The document is attached hereto.
- (7) An article entitled "Pimaradiene Diterpenes From Acanthopanax Koreanum", By Kim et al., published by Journal of Natural Products, Vol. 51, No. 6 pp. 1080-1083, Nov.-Dec. 1988). The abstract is attached hereto.
- (8) An article entitled "Antioxidant and Hepatoprotective...", By Lin et al., published by

10/502140

DT1 C'd PCT/PTO 19 JUL 2004

Pytotherapy Research, Vol. 14, pp. 489-494, (2000).

The abstract is attached hereto.

(9) An article entitled "New Hepatoprotective saponins, Bupleurosides...", By Matsuda et al., published by Bioorganic & Medicinal Chemistry Letters, Vol. 7, No. 17, pp. 2193-2198, (1997). The abstract is attached hereto.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

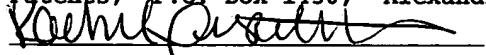
Respectfully submitted,

Jung Joon Lee et al.

By 
Gregory P. LaPointe
Attorney for Applicants
Reg. No.: 28,395
Tel: (203) 777-6628
Fax: (203) 865-0297

Date: July 19, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on July 19, 2004.



Rachel Piscitelli

10/502140

DT10 Rec'd PTO/PTO 19 JUL 2004

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	
				Filing Date	
				First Named Inventor	Jung Joon Lee et al.
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	04-417

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Choi, in Pyo et al., Studies on Development of novel functional biologicalmolecules: Investigation of Mechanism of actions and regulatory molecules of inflammatory cytokines"	
		Tong L et al., "Effects of plant polysaccharides on cell proliferation and cell membrane contents of sialic acid, phospholipid and cholesterol in S 180 K 562 cells'. IN; Zhon	
		An article entitled "Pimaradiene Diterpenes From Acanthopanax Koreanum", By Kim et al., published by Journal of Natural Products, Vol. 51, No. 6 pp. 1080-1083, Nov.-Dec. 1988)	
		An article entitled "Antioxidant and Hepatoprotective...", By Lin et al., published by Pytotherapy Research, Vol. 14, pp. 489-494, (2000).	
		An article entitled "New Hepatoprotective saponins, Bupleurosides...", By Matsuda et al., published by Bioorganic & Medicinal Chemistry Letters, Vol. 7, No. 17, pp. 2193-2198,	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Jung Joon Lee et al.
Art Unit	
Examiner Name	
Attorney Docket Number	04-417

Sheet 1 of 2

Attorney Docket Number 04-417

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		KR 00241269		11-02-1999	Kim et al.		
		KR 1020030043191		06-02-2003	Kim et al.		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.